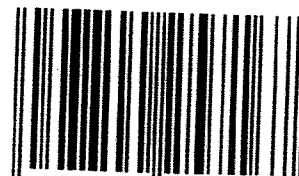


FORM

UPC



0 47700 25716 7

C6665978

*INCLUDES 1 IN CHAMBER

CAPACITY*

MODEL 700TM M24

ORDER NO.

5716

BARREL LENGTH

Remington



VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

MODEL 700 TM M24

SERIAL NO.

C6665978

ORDER NO.

5716

20

MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.



5716 C6665978

ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7

ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665978

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/25/91	YK
600	Proof		9/25/91	YK
607	Check Headspace		9/25/91	YK
610	Dis-assemble Gun		9/25/91	YK
612	Magnaflux Barrel Action		OCT 2 1991	KR
	Magnaflux Bolt		OCT 2 1991	KR
615	Rollmark Caliber		OCT 2 1991	GL
617	Drill and Tap Sight Holes		OCT 2 1991	FB
618	Polish Barrel		OCT 4 1991	WB
620	Apply Coatings (Barrel Action)		10/14/91	YK
	Apply Coating (Bolt)			YK
625	Final Assembly A) Clean inside of Bolt Assembly		10/18/91	YK
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/18/91	YK
	C) Inspect Ejector Hole for Chamfer		10/18/91	YK
	D) Oil Firing Pin Ass'y		10/18/91	YK
	E) Adjust Trigger Pull to Min Setting and Stake		10/22/91	YK

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			10-22-91	DH
	G) Safety Off Force	3 1/2	4	4			10-22-91	DH
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.020	.020	.020			10-22-91	DH
	J) Assemble Stock						10/23/91	TS
	K) Assemble Swivel Studs						10-30-91	A
	L) Attach Front and Rear Sight Assemblies						10/23/91	TS
	M) Iron Sight Alignment						10/23/91	TS
	N) Detach Front & Rear Sights & place in numbered container						10/23/91	TS
	O) Attach Scope to Rifle						10/23/91	TS
P) Detach & Attach Scope 20 Times						10/23/91	TS	
640	Gallery Target & Test						10-24-91	DH
	A) Time						10-24-91	DH
	B) Malfunctions						10-24-91	DH
	C) Pierced Primers						10-24-91	DH
	D) Optical Clarity of Scope						10-24-91	DH
645	Inspect for Live Ammo						10-24-91	DH
655	Final Inspection							
	A) Headspace						10-30-91	A
	B) Trigger Pull	270	272	274	278	277	10-30-91	DH
	C) Function						10-30-91	A
660	Pack						12-11-91	VF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6665978

DATE 10/22/91

TESTER JPL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.56	2.60	2.50	2.70	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.39	2.32	2.51	2.72	
PULL #3	2.48	2.28	2.55	2.74	
PULL #4	2.59	2.56	2.48	2.78	
PULL #5	2.57	2.54	2.53	2.77	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.53	3.47		
PULL #2	3.47	3.40		
PULL #3	3.51	3.39		
PULL #4	3.28	3.49		
PULL #5	3.46	3.42		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.33	4.36		4.35
PULL #2	4.28	4.31		4.28
PULL #3	4.26	4.33		4.17
PULL #4	4.28	4.21		4.34
PULL #5	4.33	4.16		4.30
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6663978
24 OCT 1991

CENTROIDAL DISTANCES

0 TO 1	.217007
1 TO 2	.32062
1 TO 3	.255906
1 TO 4	.492687
1 TO 5	.179644

$d_{1/2}$ (----) FOR

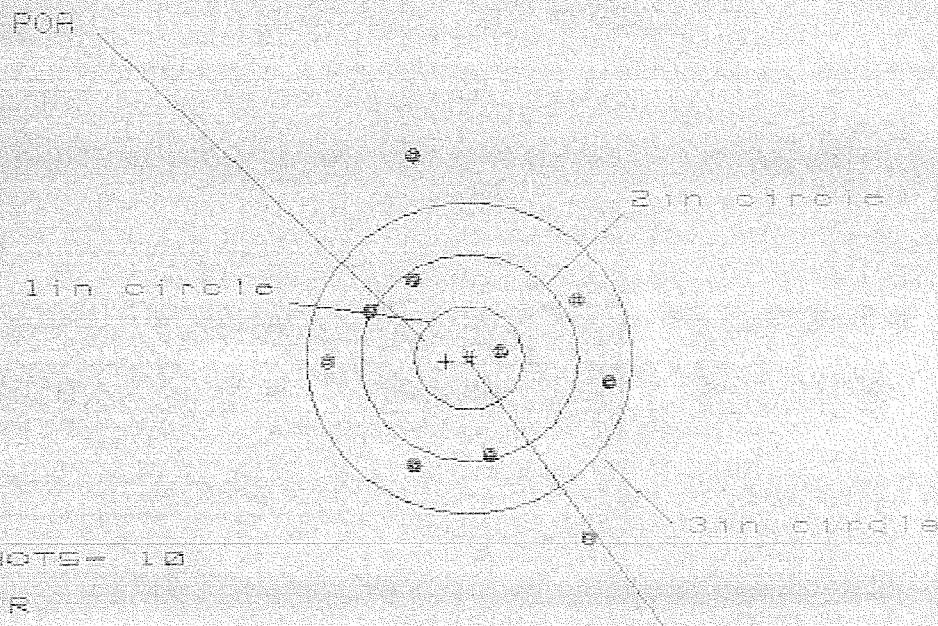
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0874
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0536
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .102527

THE AMR FOR THIS RIFLE IS: 1.06

24 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/EG665978

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 3

3 in = 8

HS= 2.515

VS= 3.759

GS= 4.090

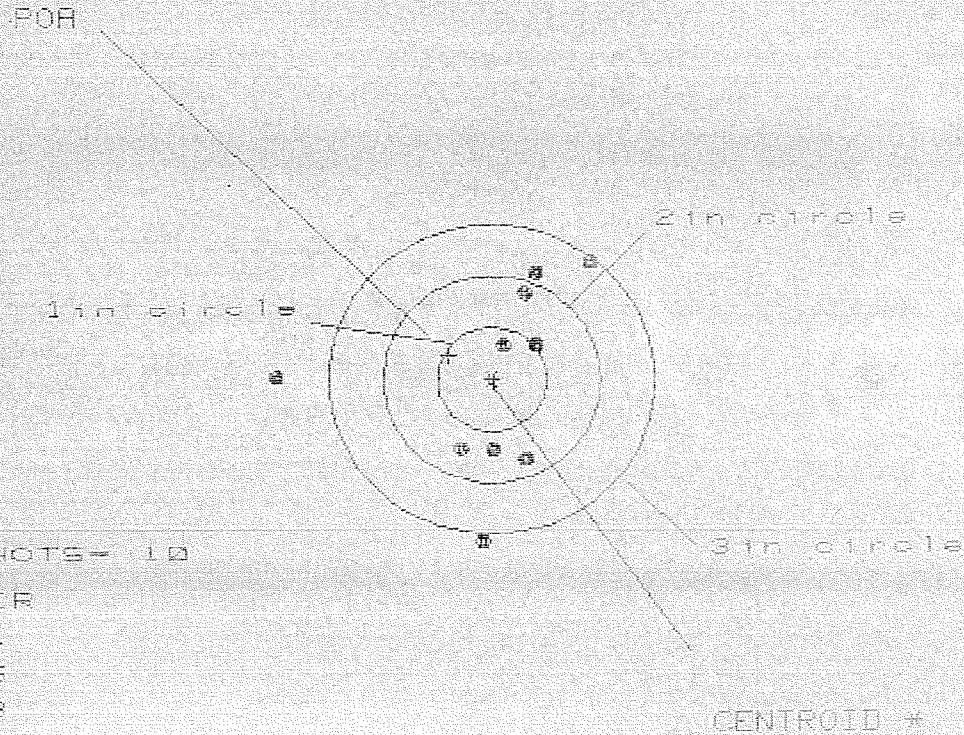
CENTROID *

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.250	1.373	1.325
MINIMUM X	:	-1.265	-1.142	-1.190
MAXIMUM Y	:	1.990	1.794	.828
MINIMUM Y	:	-1.769	-1.189	-1.965
CENTROID X	:	.214	.091	.139
CENTROID Y	:	.036	.232	.008
POA TO CENTROID in.	:	.217	.249	.139
MIN RADIUS	:	.279	.426	.358
MEAN RADIUS	:	1.210	1.106	.997
MAX RADIUS	:	2.087	1.834	1.340
HORIZONTAL SPREAD	:	2.515	2.515	2.515
VERTICAL SPREAD	:	3.759	2.983	1.793
EXTREME SPREAD	:	4.090	2.983	2.528
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		8	

24 Oct 1931

FILE:/PATTERNING/CENTERFIRE_PATT/CBB65078

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 1

2in = 6

3in = 8

HS = 2.925

VS = 2.665

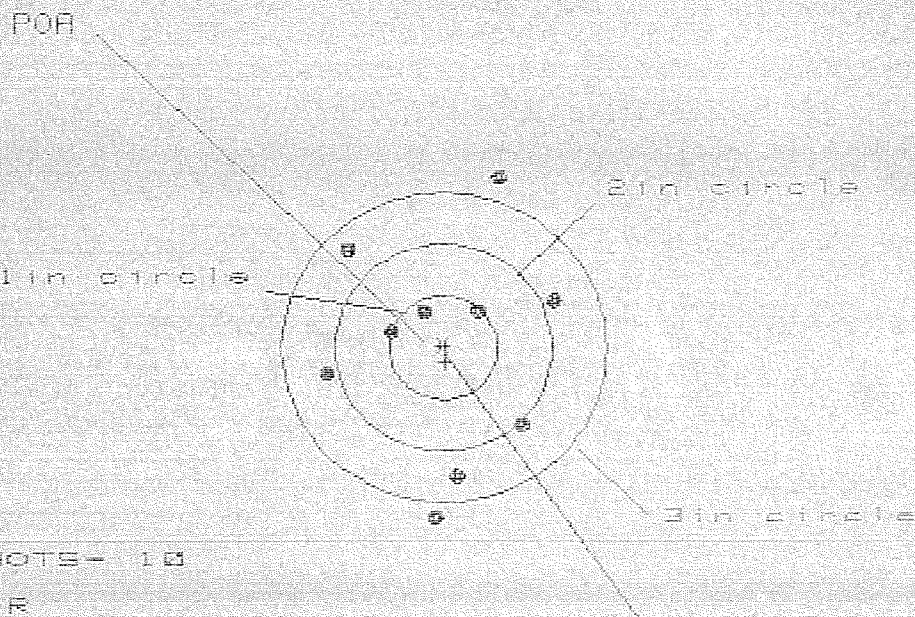
GS = 3.127

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.898	.673	.627
MINIMUM X	:	-2.027	-.549	-.595
MAXIMUM Y	:	1.090	1.089	.892
MINIMUM Y	:	-1.575	-1.576	-.935
CENTROID X	:	.393	.618	.664
CENTROID Y	:	-.230	-.229	-.032
POA TO CENTROID in.	:	.456	.659	.664
MIN RADIUS	:	.364	.366	.190
MEAN RADIUS	:	1.009	.867	.730
MAX RADIUS	:	2.027	1.617	1.090
HORIZONTAL SPREAD	:	2.925	1.222	1.222
VERTICAL SPREAD	:	2.665	2.665	1.827
EXTREME SPREAD	:	3.127	2.859	2.102
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

24 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08685978

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 3

2in = 3

3in = 4

HS= 2.092

VS= 3.324

GS= 3.380

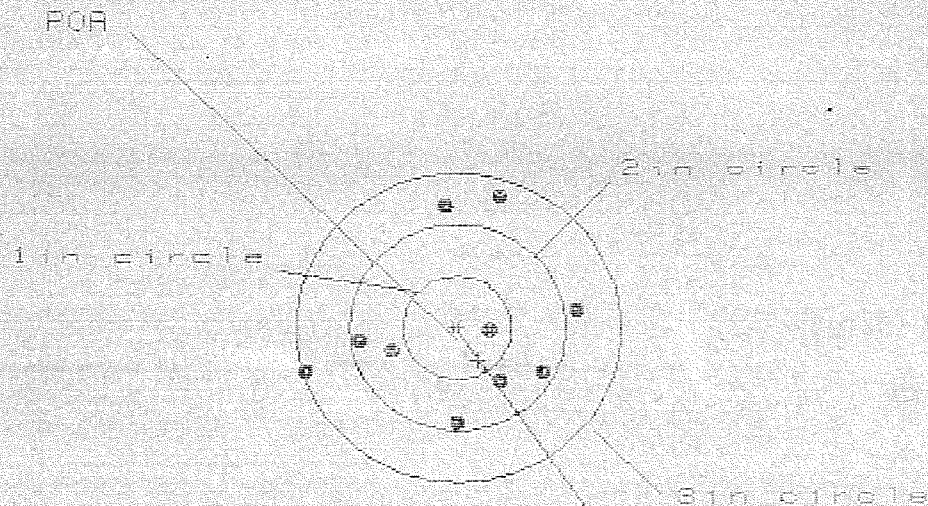
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.989	1.048	1.046
MINIMUM X	:	-1.103	-1.044	-1.046
MAXIMUM Y	:	1.631	1.146	.957
MINIMUM Y	:	-1.692	-1.511	-1.221
CENTROID X	:	-.013	-.077	-.075
CENTROID Y	:	.144	-.038	.151
POB TO CENTROID in.	:	.145	.086	.169
MIN RADIUS	:	.407	.515	.383
MEAN RADIUS	:	1.058	.994	.892
MAX RADIUS	:	1.717	1.511	1.292
HORIZONTAL SPREAD	:	2.092	2.092	2.092
VERTICAL SPREAD	:	3.324	2.657	2.170
EXTREME SPREAD	:	3.380	2.790	2.424
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		8	

24 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8665978

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 1

2in = 6

3in = 10

HS= 2.491

VS= 2.175

GS= 2.563

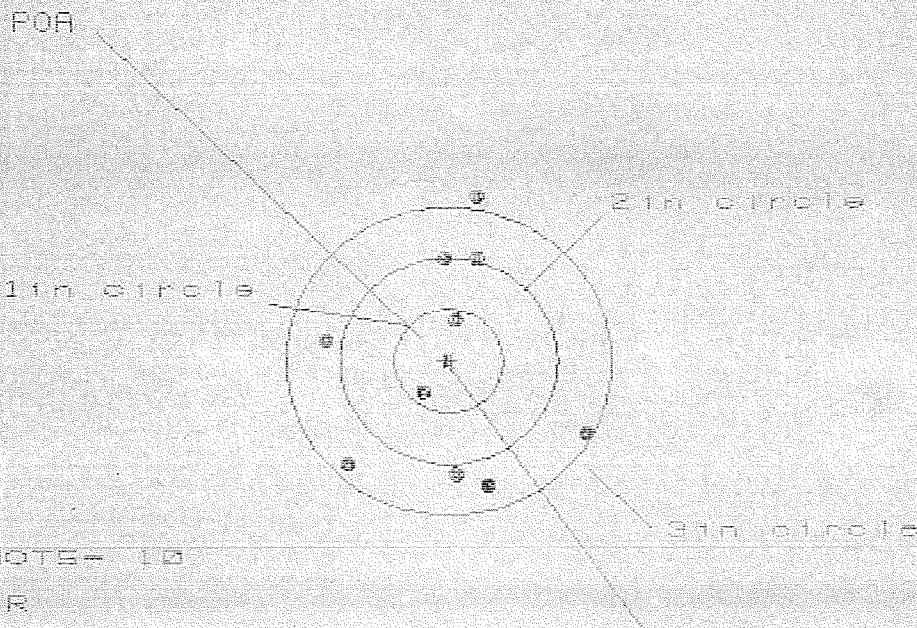
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.087	.931	.965
MINIMUM X	:	-1.404	-1.052	-1.018
MAXIMUM Y	:	1.247	1.201	1.291
MINIMUM Y	:	-.928	-.974	-.824
CENTROID X	:	-.190	-.034	-.068
CENTROID Y	:	.318	.364	.214
POA TO CENTROID in.	:	.371	.366	.225
MIN RADIUS	:	.326	.170	.241
MEAN RADIUS	:	.945	.867	.801
MAX RADIUS	:	1.464	1.230	1.310
HORIZONTAL SPREAD	:	2.491	1.983	1.993
VERTICAL SPREAD	:	2.175	2.175	2.115
EXTREME SPREAD	:	2.563	2.219	2.117
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

24 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT/03665378

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 2

2in = 3

3in = 9

HS= 2.347

VS= 2.884

GS= 2.945

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.251	1.282	.586
MINIMUM X	:	-1.096	-1.065	-.985
MAXIMUM Y	:	1.649	1.217	1.152
MINIMUM Y	:	-1.235	-1.052	-1.117
CENTROID X	:	.038	.007	-.153
CENTROID Y	:	-.000	-.183	-.118
POA TO CENTROID in.	:	.038	.184	.193
MIN RADIUS	:	.345	.210	.147
MEAN RADIUS	:	1.080	1.002	.934
MAX RADIUS	:	1.672	1.385	1.262
HORIZONTAL SPREAD	:	2.347	2.347	1.491
VERTICAL SPREAD	:	2.884	2.269	2.269
EXTREME SPREAD	:	2.945	2.523	2.483
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		9	